Peak District National Park

Forecast valid from 00:00 on Saturday 07 May 2022 until 23:59 on Sunday 08 May 2022

Forecast Issued on Friday 06 May 2022 at 15:13

Confidence: High for weather details up to the end of Tuesday. Moderate confidence for timing of rain and wind speeds on Wednesday.

Headline for Saturday 07 May 2022: Early low cloud covering hills, brighter later with some afternoon showers.

Mountain weather hazards on Saturday 07 May 2022

Blizzards
No Likelihood

Heavy persistent snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
No Likelihood

Poor visibility
Medium Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
Medium Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Light rain	Partly cloudy (night)	Fog	Fog	Sunny intervals	Light rain showers	Sunny intervals	Partly cloudy (night)
Precipitation probability							
90%	10%	20%	20%	20%	30%	10%	<05%

Forecast for Saturday 07 May 2022

Weather: Outbreaks of mainly light rain soon easing after midnight with low cloud breaking allowing some clear spells. Thicker low cloud likely returning, especially to western parts of the range towards dawn with a slight chance of some light drizzle on peaks. Rather cloudy through the morning in the west, but brighter across many western parts of the park. Low cloud lifting from western hills by the afternoon, leaving bright or sunny spells and the chance of a few showers across the range. Becoming dry again by evening with partly cloudy skies and a moderate easterly wind developing.

Chance of cloud-free hill tops above 600m: 30% initially overnight, becoming 60% for a time as rain eases, but then 20% by the end of the night in the west, 60% in the east. 20% in the west, 60% across the east at first during the morning, increasing to 90% from midday in all areas.

Low cloud and visibility: Extensive low cloud to 500-600m and patches to 400m initially overnight. Cloud becoming well-broken for a time before thickening again by dawn, particularly in western parts of the park. Cloud bases remaining low (400-500m) through the early morning before generally lifting above hilltops by midday. Any afternoon showers could briefly see cloud obscuring the highest peaks above 600m. Outside of low cloud, visibility is expected to be very good, though with locally moderate visibilities in any overnight rain or daytime showers.

Forecast for Saturday 07 May 2022

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	11/16 NW	7/15 N	5/8 W	9/13 NW	10/15 NE	12/18 E	13/20 E	13/21 E	12/19 SE
300	8/13 NW	6/9 W	5/7 SW	6/9 NW	9/13 NE	9/14 NE	12/19 E	10/18 E	6/15 E
Valley	5/13 NW	4/10 N	2/4 SW	5/9 NW	7/11 NE	7/13 NE	11/21 E	12/22 E	9/15 E

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	8/5	8/6	7/5	8/5	9/7	10/7	8/5	6/3	7/3
300	10/8	9/7	8/7	10/9	12/11	14/12	11/9	9/6	8/6
Valley	10/9	8/7	8/8	12/11	14/13	15/14	12/10	10/7	8/6
Freezing Level*	1900m	1600m	1500m	1600m	1700m	1800m	1800m	1800m	1800m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Extensive low cloud during the morning will make navigation on the highest peaks difficult, with overnight rain perhaps making some paths slippery. By the afternoon there is a chance of high UV levels as cloud lifts and breaks more widely so sunscreen is advised as well as plenty of water.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Fri 06 May 2022	0mm	0.8mm	9.8mm

Forecast for Sunday 08 May 2022

Weather: Partly cloudy skies becoming mostly overcast during the night with rather widespread low cloud likely and a moderate easterly breeze. Remaining dry though. A mostly cloudy start to the morning, but cloud breaking and lifting again to leave frequent bright or sunny spells by the afternoon. Staying dry. Mostly clear skies through the evening and winds becoming light.

Maximum wind: Easterly 15-20mph, gusts 25-30mph.

Chance of cloud-free hill tops above 600m: 90% lowering to 40% overnight. Increasing to greater than 95% from late morning onwards.

Low cloud and visibility: Occasional broken cloud developing at around 500-600m overnight. Cloud expected to lift well above peaks by late morning and through the rest of the day.

Temperature: **Valleys:** Plus 8 Celsius increasing Plus 16 Celsius.
At 600m: Plus 5 Celsius increasing Plus 12 Celsius.
Freezing level: Above summits.